Thos. Elwyn Esq
City

ANNUAL REPORTS,

CORPORATION

OF THE

City of Victoria.

FOR THE

Year ending 31st December, 1887.

VICTORIA, B. C.
MUNROE MILLER, PRINTER AND BOOK BINDER, JOHNSON STREET.
1888.

A

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NAMES OF

Members of the City Council

FOR THE YEAR 1887.

MAYOR

James Fell.

COUNCILLORS

John Grant
S. T. Styles
D. R. Harris
J. Braden
B. W. Pearse
F. S. Barnard
L. Vigelius
J. Coughlan
D. W. Higgins

CORPORATION OF THE

Balance Sheet 31st

ASSETS.

Municipal Taxes	$ 16,682 90
Victoria Water Works, Sinking Fund, $100,000 Loan	31,010 00
do do 50,000 Loan	21,536 00
do do 20,000 Loan	4,120 00
Electric Light Debentures, Sinking Fund	1,215 85
Drainage Debentures, Sinking Fund	378 90
Water Works Debentures, Sinking Fund, $75,000 Loan	1,584 60
Street Debentures, Sinking Fund,	446 15
Corporation Debentures, Sinking Fund	6,722 23
Maps of City	555 57
Electric Light Plant	31,644 00
Corporation Horses and Carts	1,391 50
Town Lot 1249	2,419 00
Town Lot 1250	2,600 00
Spring Ridge Propert	3,464 55
do do House	399 28
Pound Property	1,600 17
Street Gas Lamps	669 80
Drainage Account	4,449 75
City Hall	16,923 07
Steam Engine	1,000 00
Corporate Seal	568 80
Fountain	729 05
Electric Light Building	3,701 70
Office Furniture	2,356 94
Water Works Reservoirs	28,080 15
Water Works Reservoirs, Bank B. N. A., Account	1,919 85
Road Roller and Rock Crusher	6,057 42
Police Lockup	1,477 50
Scow	200 00
Steam Drills	1,533 20
Street Sprinkler	190 00
Street Scraper	300 00
Bank British Columbia	45,000 00
Cash on hand	433 67
	$242,971 60

CITY OF VICTORIA.

December, 1887.

LIABILITIES.

Corporation Summary	$ 48,793 38
Revenue Account	16,682 90
Bank B. N. A.	7,205 75
Ross Bay Cemetery	2,309 08
Corporation Debentures	20,000 00
Cemetery Property	1,980 49
Drainage Debentures	5,000 00
Electric Light Debentures	16,000 00
Street and Bridges Debentures	50,000 00
Water Works $75,000 Debentures	75,000 00
	$242,971 60

Victoria, B. C., 11th January, 1888.

THOS. RUSSELL, Accountant
J. W. GRIFFITHS, Auditor.

CORPORATION OF THE

Cash Statement for the Year

RECEIPTS.

Balance, 1st January, 1887	$ 183 62
Bank B. N. A., Increase of balance	2,422 33
Water Works, Rents (general account)	37,270 34
Fire Insurance Company's Tax	5,000 00
Street Repairs, Refund	500 00
City Pound, Fees	523 25
Surveying Street Lines	25 00
Street Lighting, Refund	35 63
Water Works Debentures, Interest Accrued on $75,000 Loan	3,681 37
Real Estate Tax	54,689 30
Trades Licenses	17,918 50
Wholesale Liquor Licenses	1,075 00
Retail do	13,205 00
Road Tax	1,838 00
Dog Tax	334 20
Maps of the City	5 00
Police Court, Fines and Fees	4,332 75
Ross Bay Cemetery, Fees	2,044 50
Corporate Seal	13 00
Water Works Debentures, $75,000 Loan	25,000 00
Water Works Reservoirs, Cement Sold	1,825 00
Water Works Reservoirs, Account with Bank B. N. A	26,443 15
Bank B. C., Special Deposit, $75,000 Loan, Reservoir Debentres	45,000 00
	$243,364 94

CITY OF VICTORIA.

ending 31st December, 1887.

EXPENDITURES.

Water Works, General Account	$ 10,238 45
Water Works, Sinking Fund, $100,000 Loan	2,360 00
do do 50,000 do	1,750 00
do do 20,000 do	412 00
Fire Department	11,463 10
Electric Light Debentures, Sinking Fund	596 00
Drainage Debentures, Sinking Fund	186 00
Water Works, Sinking Fund, $75,000 Loan	1,577 00
Street Debentures, Sinking Fund, $50,000 Loan	444 00
Street Repairs	37,105 81
City Police	14,596 69
City Pound	886 52
Charges, including Salaries, Printing, Advertising ,Election expenses, &c.	8,014 36
Surveying Expenses	2,306 00
Board of Health	2,084 75
Street Lighting	8,415 33
Sidewalks	11,810 45
Legal Expenses	142 95
Commission on Collections	483 00
Donations	1,300 79
Corporation Debentures, Sinking Fund	619 65
Corporation Debentures, Interest	1,015 00
Water Works, Interest $100,000 Loan	6,475 00
do do 50,000 do	3,395 00
do do 20,000 do,	1,600 00
Electric Light Debentures, Interest	960 00
Drainage Debentures, Interest	300 00
Beacon Hill Park	679 08
General Interest	1,560 35
Water Works Debentures, Interest $75,000 Loan	3,750 00
Street Debentures, Interest $50,000 L'n	2,500 00
Dog Tax, Tags	25 00
Weighing Machine	198 94
Police Court, Fines and Fees Refund	35 75
Ross Bay Cemetery	1,522 22
Electric Light Plant	392 00
Drainage	196 50
City Hall	46 60
Water Works Reservoirs	26,443 15
Water Works Reservoirs, Bank B. N. A. Account	26,825 00
Road Roller and Rock Crusher	330 43
Police Lockup	1,477 50
Steam Drills	110 90
Nanaimo Relief Fund	1,000 00
Street Scraper	300 00
Water Works Debentures, $75,000 Loan	45,000 00
Cash Balance	433 67
	$243,364 94

VICTORIA, B. C., 11th January, 1888.

THOS. RUSSELL, Accountant.
J. W. GRIFFITHS, Auditor.

CORPORATION OF THE

Statement of Actual Cash Assets

ASSETS.

Municipal Taxes	$ 16,682 90
Cash Balance	433 67
	$17,116 57

VICTORIA

Interest and Sinking

RECEIPTS.

1886. Nov. 30—Balance to Credit of Account	$ 53,616 92
Cash received from the Corporation of Victoria, between 1st December, 1886, and 30th November, 1887, to pay interest on all Loans	12,283 75
Do do Sinking Fund	4,614 44
Interest allowed by Bank B. N. A. on amounts at credit of Sinking Fund	1,614 69
	$72,129 80

CITY OF VICTORIA.

and Liabilities 31st December, 1887.

LIABILITIES.

Bank of B. N. A.	$ 7,205 75
Contracts on Hand	844 00
Police Court Fines and Fees, Recognizance claimed by Government	1,000 00
Sundry small Accounts Unpaid	716 00
Balance	7,350 82
	$17,116 57

VICTORIA, B. C., 11th January, 1888.

THOS. RUSSELL, Accountant.
J. W. GRIFFITHS, Auditor

WATER WORKS.

Fund Account.

DISBURSEMENTS.

Paid Interest on Coupons presented between 1st December, 1886, and 30th November, 1887	$ 12,283 75
Balance	59,846 05
	$72,129 80

VICTORIA, B. C., 11th January, 1888

THOS. RUSSELL, Accountant.
J. W. GRIFFITHS, Auditor.

City Hall, Victoria, B. C., Jan. 11th, 1888.

To His Worship the Mayor and Municipal Council:

Gentlemen,—I have examined the Corporation Books and Vouchers for the year ending December 31st, 1887, and find them correct.

Please find herewith the annual Balance Sheet for 1887, also Statement of Cash Receipts and Expenditure for the year.

The only items I need mention as not shown in the accounts, are a liability of $1,000, which will have to be refunded, being a recognizance claimed by the Government, and which is included in the Police Court fines and fees received during the past year, and a number of small accounts, amounting to $716.00

Your obedient servant,

J. W. GRIFFITHS,
Auditor.

Fire Warden's Report.

VICTORIA, B.C., January 3rd, 1888.

TO HIS WORSHIP THE MAYOR AND CITY COUNCIL.

GENTLEMEN :—

In compliance with the Rules and Regulations governing the Victoria Fire Department we have the honor to submit the Second Annual Report showing the number and names of Officers and Men in the Fire Department with their occupations and salaries; the number of fires during the past year; an inventory of property in the different houses, and a few recommendations which should receive the earnest attention of the incoming Council.

The fire record during the past year has been very small. The officers and members have been most assiduous, and are deserving of great praise for their prompt and energetic work.

A large number of new buildings have been erected in various portions of the city very distant from the engine houses. It is not generally known that no means of reaching these sections of the city with fire hose has been provided excepting with hose carts drawn by the men belonging to the companies. The engine is drawn by horses and reaches a fire far in advance of the hose carts. The City Council passed a resolution some time ago to purchase a horse and hose cart. Your Fire Wardens earnestly recommend that these necessary adjuncts be purchased as soon as possible.

A large number of buildings were recently erected in the central or business portion of this city, many of them reaching three, four, and five storys in height. These buildings are out of the firemen's reach with the ladders at present in use. The incoming Council should procure an extension truck.

The water supply is altogether inadequate, and as a good supply of water is one of the main factors in suppressing fires, your Fire Wardens hope to find this city provided with a good water supply during the present year.

During the past summer a serious conflagration occurred in the Vancouver Coal Mine at Nanaimo. At the request of the manager we sent 2000 feet of fire hose to that city. Shortly afterwards the Vancouver Coal Company ordered 2000 feet of new carbolized hose from Toronto, and replaced the hose furnished by this city with the new hose.

The fire alarm system is very defective, causing considerable delay and confusion. A proper alarm system is urgently needed.

During the past year the Fire Department received 1500 feet of new hose. One thousand feet from Messrs. T. McIlroy & Son, Toronto, and five hundred feet from Messrs. Merryweather & Sons, London. The department is well equipped in this respect, as will be seen by referring to the inventory.

The police deserve great credit for assisting the Fire Department.

RECORD OF FIRES AND ALARMS, 1887.

Date.	Time.	Locality.	Cause.	Estimated Damage.
Feb. 1st.	1:30 a.m.	Fire in store occupied by man named McLean, corner of Pembroke and Douglas Sts.	Unknown	$4,000.
Feb. 8	9:30 p.m.	Fire in small fruit store on Yates Street, near Douglas.	Unknown	Slight.
Feb. 9	8:45 p.m.	Fire at house on Chatham Street, between Government and Douglas. House occupied by Mr. Cowan; owned by J. Levy.	Supposed to be by explosion of lamp	$2,000.
Feb. 14	7:45 p.m.	Fire on roof of house occupied by Mrs. Leigh on Douglas Street.	Defective chimney.	Slight.
March 29	10 a.m.	Fire in kitchen at Justice Crease's residence, Fort St.	Incendiary	$150.
April 3	1:20 p.m.	Fire on roof of U. Nelson's residence, North Park Street.	Sparks from chimney	Slight.
April 6	3 p.m.	False alarm—chimney on fire at Mrs. Leigh's reeidence, Douglas Street.		None.

April 11.—Fire at 11:10 a.m. on roof of building opposite No. 2 Engine House. Cause, sparks from chimney. No damage.

May 3.—12.15 p.m.—Fire at Muirhead and Mann's Mill. Cause, overheated woodwork or spark from furnace. Damage slight.

May 17.—10:20 p.m. Fire on steamer Skidegate. Loss $500. Cause unknown.

May 20.—10:30 a.m. Fire at boiler shop, Albion Iron Works. Cause, upsetting of boiler containing tar. No damage.

May 24.—2:45 a.m. Empire Brewery, Spring Ridge, burned, Loss, $10,000. Cause unknown.

June 20.—Alarm. Fire at Victoria Theatre. No loss. Cause, defective gas-light.

June 23.—Fire at Smith and Clark's Sash and Door Factory. Damage slight. Cause, spark from furnace. Time, 12:45 p.m.

June 30.—5:55 a.m. Fire in woodshed adjoining Mr. Levy's residence, Vancouver Street. Damage slight. Cause, hot ashes.

July 14.—Alarm.

July 16.—11 p.m. Fire at Spencer's Arcade, between Government and Broad Streets. Loss estimated at $5,000. Cause of fire unknown.

August 5.—3:15 a.m. Fire on Fort Street between Government and Broad Streets. Loss estimated at $15,000. Cause unknown.

August 12.—2:35 a.m. False Alarm.

August 29.—2:15 p.m. Fire in cemetery on Quadra Street. Cause, Chinese lighting fires and burning paper. Damage slight.

September 12.—11:40 p.m. Fire on roof of building on View Street, occupied by employees of Driard House. Damage slight. Cause, sparks from chimney.

October 5.—1 a.m. Fire in boiler room at Wilson Bros.' Foundry. No loss. Cause unknown.

October 9.—3 a.m. Fire in woodshed at Mr. T. R. Smith's residence, Richardson Street. Cause, supposed to be hot ashes. Loss, $100.

October 12.—Fire at 4 a.m. at house of ill-fame on Broad Street, between Yates and Johnson Streets. Damage slight. Cause unknown.

October 14.—3 p.m. Fire at Gordon Hotel, Johnson Street. Loss, $2,000. Cause unknown.

October 14.—9.30 p.m. Fire at Mrs. Morris' Boot Store, Johnson Street. Loss, $2,500. Cause, lamp exploding.

October 16.—Fire at Mr. Thain's residence, Fisgard Street. No damage. Cause, defective chimney.

November 8.—4:30 p.m. Fire at Mr. Innes' barn on Government Street. Loss, $1,500. Cause unknown.

December 4.—4:30 a.m. False alarm.

LIST OF OFFICERS AND MEMBERS.

Victoria Fire Department.

Name.	Occupation.	Salary.	Name of Company.
Thomas Deasy	Chief Engineer	$58.33	
C. N. Gowen	Assistant Engineer	25.00	
M. J. Conlin	Foreman	16.25	No. 1 Company.
Robert Liddell	"	16.25	No. 2 "
A. Borde	"	16.25	No. 3 "
Charles Bush	Engine Driver	60.00	No. 2 "
Benj. G. Haigh	" "	60.00	No. 3 "
John Gardner	Horse Driver	60.00	
D. F. Fee, Jr.	Hoseman	14.00	No. 3 "
George Gowen	"	14.00	" "
H. McDowell	"	14.00	" "
Anthony Elliot	"	14.00	"
William Shewin	"	14.00	" "
L. G. Burns	"	14.00	" "
Thomas Hodges	"	14.00	No. 2 Company.
Frederick Allatt	"	14.00	" "
L. F. Bauman	"	14.00	" "
H. Mansell	"	14.00	" "
J. Cadman	"	14.00	" "
T. Himes	"	14.00	" "
W. Bryce	"	14.00	" "
C. Smith	Hook & Ladder Man	14.00	No. 1 Company.
J. Bryce	"	14.00	" "
W. Deasy	"	14.00	" "
A. Ross	"	14.00	" "
J. Manson	"	14.00	" "
	Total	564.08	

INVENTORY OF PROPERTY BELONGING TO THE CITY AND AT PRESENT IN USE BY THE FIRE DEPARTMENT.

No. 1 House, Occupied by Hook and Ladder Company.

1 Truck carrying 4 ladders, 9 hooks, 150 feet rope, 4 axes, 2 saws, 6 leather buckets.
1 Large ladder.
1 Small ladder.
2 Coal oil cans.
1 Hay fork.
1 Shovel.
1 Horse.
1 Set harness.
1 Hand Fire Engine.
3 Bedsteads

No. 2 House, Situate on Yates Street.

1 Merryweather Steam Fire Engine.
2 Two-wheel hose carts.
1 Four-wheel hose cart.
1 Silsby heater.
3800 Feet carbolized hose, good.
500 Feet canvas hose, rubber lined, good.
50 Feet ¾ inch hose.
3 Buckeye lanterns.
1 Shovel.
2 Hydrant keys.
3 Nozzles.
1 Suction connection.
1 Babcock Fire Extinguisher.
7 Spanners.
3 Coal bags.
1 Tool for turning over engine.
5 Supply pipes.
2 Crowbars.
1 Hoe.
1 Die.
1 Navy coupling.
1 Steel sledge.
1 Set sleigh runners.
1 spray nozzle.
1 Pair nippers.
1 V. F. D. Brand.
2 Leak stops.
1 Wheel barrow.
50 Feet rope.
1 Siamese connection.
1 Dividing breaching.
1 Chipping hammer.
1 Ratchet drill.
2 Cape chisels.
2 Flat chisels.
1 Hose expander.
1 Vice.
1 Pipe.
1 Wrench.
1 Ladder.
1 Old suction.
1 Sprinkler.
4 Horse blankets.
3 Sursingles.
1 Saddle.
2 Horses.
1 Stove and piping.
2 Axes.
2 Clocks.
1 Hay fork.
1 Shovel.
3 Bedsteads.
3 Maps.
46 Helmets.
2 Sets harness.

1 Tube expander.
1 Set valve springs.
6 Patent hydrant keys and spanners.
1 Flag.

No. 3 House, Pandora Street.

1 Button Fire Engine.
1050 Feet Carbolized hose.
2 Hose carts.
1 Bucket Truck.
1 Fire escape.
1 Jack Screw.
10 Spanners.
4 Supply pipes.
1 Stove and piping.
1 Force pump.
2 Hydrant keys.
1 Suction connection.
8 Nozzles.
1 Dividing breaching.
1 Siamese connection.
6 Spanner and hydrant keys.
3 Leak Stops.
1 Wheelbarrow.
50 feet rope.
4 Coal bags.
5 Buckeye lanterns.
1 Company flag and lot of old flags.
1 Old suction.

James' Bay Engine House.

1 Hand fire engine.
1 Hose cart.
350 Feet hose.
2 coal oil lamps.

In Possession of Foremen and Men.

21 Suits rubber clothing, old.

In Possession of Chief and Assistant.

1 Bullseye lantern each.
1 Map of city each.

We have the Honor to be,

Gentlemen,

Your Obedient Servants,

LOUIS VIGELIUS
D. W. HIGGINS
JOHN COUGHLAN.
} Fire Wardens.

Cemetery Report.

To His Worship the Mayor and Municipal Council:

Gentlemen—I beg respectfully to report the following statistics of Burials in Ross Bay Cemetery for the year ending 31st December, 1887, as follows.

	MALES	FEMALES	TOTAL
Children still born	5	3	8
" under 12 months old	16	16	32
" from 1 year to 5 years old	8	10	18
" " 5 " 10 " "	2	1	3
From 10 years to 15 years old	1	1	2
" 15 " " 20 " "	2	2	4
" 20 " " 40 " "	12	14	26
" 40 " " 60 " "	21	31	43
" 60 " " 70 " "	12	3	15
" 70 " " 80 " "	8	5	13
Indians	3	7	10
Chinese	40	1	41
Japanese	1		1
	141	75	216

The Nationalities are as follows:

	MALES	FEMALES	TOTAL
British Columbia	25	28	53
England	14	11	25
Scotland	10	3	13
Ireland	10	9	19
Wales	3	0	3
Canada	5	6	11
United States	15	5	20
Germany	4	0	4
Sweden	1	0	1
Norway	2	0	2
West Indies	0	1	1
Australia	1	0	1
Cape de Verde Islands	0	1	1
Unknown	2	0	2
Indians	3	7	10
Chinese	40	1	41
Japanese	1	0	1
Still born children	5	3	8
	141	75	216

On comparing the above with the previous year, it shows a decrease of 18 males and an increase of 16 females making a total decrease of 2 burials for the year just closed.

I have the honor to be Gentlemen,

Your obedient servant,

JAMES D. ROBINSON,

Secretary Ross Bay Cemetery.

Report of Superintendent of Police for 1887.

VICTORIA, B. C. January 11th, 1888.

To His Worship the Mayor and Police Committee:

GENTLEMEN—

I beg to report that the condition of the police force at the end of the year was very good. The number of men on duty (street patrol) was seven including the Sergeant. On duty in the lockup, two. The total strength of the force being ten all told. There have been none absent from duty during the month. None ill and no complaints against any of the officers. The uniforms are in good condition, the winter clothing having only just been issued; also overcoats which were much needed it being now about five years since the last issue of overcoats. The items of expenditure with bills for the same have been handed in to the Collector for your consideration.

I have also the honor to hand you in a report of all cases that have been through the Police Court during the past year ending the 31st December. Crime has been very little on the increase compared with 1886, and very few serious charges. There have been a few thefts committed in the suburbs of the city where the police have no regular beats, but in most cases the police have been succesful in catching the guilty persons in the end. At present the police are unable to visit all parts of the city regularly during the night or day as the city is so extended, and I think that a system of signal service police which I intend laying before you and such as is adopted in other cities to advantage, would afford more protection to the public with a very little more expense, as at present hack hire for the convey-

ance of prisoners, etc., to gaol is considerable, which would be done away with to a great extent.

The Police boat that is now in use is very old and unfit for Police use if required. I would recommend the sale of the same.

The City Lockup which has been built during the year so far has answered all purposes. The only thing needed is some place for heating water and bathing prisoners, as frequently they are kept in two or three weeks, and it is difficult to keep them clean. All of which I submit for your consideration.

I remain, gentlemen,

Your obedient servant

C. P. Bloomfield,

Supt.-Police.

Offences Committed by Chinese during 1887.

	OFFENCES.	Committed in Police Court.	Committed for trial.	Discharged.	Total.
1	Assaults	5	0	5	10
2	Arson	0	1	0	1
3	Burglary	0	0	1	1
4	City By-Laws, offences against	9	0	1	10
5	Conspiracy	0	3	1	4
6	Chinese Restriction Act	0	1	3	4
7	House Breaking	0	1	0	1
8	Indian Act, offences against	28	0	6	34
9	Larceny	15	5	23	43
10	Game Law, offences against	1	0	0	1
11	Malicious injuries to property	2	0	0	2
12	Obtaining money by false pretence	0	2	0	2
13	Perjury	3	0	0	3
14	Passing counterfit money	0	1	0	1
15	Receiving stolen property	4	0	5	9
16	Obtaining goods by false pretence	3	0	0	3
17	Unsound mind and safe keeping	1	0	6	7
18	Vagrant Act, offences against	41	1	11	53
19	Unlawful gaming	6	1	5	12
20	Breaking gaol	0	1	0	1
21	Refusing to pay taxes (Provincial)	1	0	1	2
22	Refusing to attend as witness	0	1	0	1
23	Murder (Provincial)	0	1	0	1
		119	19	68	206

Offences Committed by Indians During 1887.

	OFFENCES.	Committed in Police Court.	Committed for Trial.	Discharged.	Total.
1	Assaults	4	0	2	6
2	Cutting and wounding	1	0	0	1
3	Indian Act, offences against	105	0	21	126
4	Larceny	3	0	6	9
5	Resisting police	1	0	0	1
6	Safe keeping, witnesses, etc	0	0	7	7
7	Vagrant Act, offences against	60	0	11	71
8	Threatening language	1	0	0	1
9	Unlawful gaming	0	0	4	4
10	Intimidating witnesses	0	0	1	1
		175	0	52	227

Offences Committed by All Others but Indians and Chinese During 1887.

	OFFENCES.	Committed in Police Court.	Committed for Trial.	Discharged.	Total.
1	Assaults	28	1	29	58
2	City By-Laws, offences against	70	0	23	93
3	Burglary	0	2	0	2
4	Carrying concealed wepons	5	0	2	7
5	Cruelty to animals	0	0	1	1
6	Conspiracy	0	2	0	2
7	Carnally knowing a woman	0	0	1	1
8	Cutting and wounding	1	0	0	1
9	Bringing stolen property into Canada	0	2	0	2
10	Deserters from the R. N.	14	0	1	15
11	Embezlement	0	0	3	3
12	Game Laws, offences against	1	0	1	2
13	House breaking	1	2	0	3
14	Indian Act, offences against	15	0	12	27
15	Forgery	1	1	0	2
16	Larceny	12	5	21	38
17	Malicious injuries to property	4	0	2	6
18	Merchant Seaman's Act	17	0	20	37
19	Perjury	0	1	0	1
20	Passing counterfeit coin	0	1	0	1
21	Receiving Stolen property	2	0	1	3
22	Refusing to pay wages	4	0	1	5
23	Resisting police	0	0	1	1
24	Robbery from the person	0	0	1	1
25	Obtaining goods by false pretence	0	1	2	3
26	Shooting with intent to kill	0	3	1	4
27	Unsound mind, safe keeping, etc.	10	0	22	32
28	Lodgings	0	0	20	20
29	Vagrant Act	200	0	24	224
30	Threatening language	3	0	3	6
31	Offences against religion	1	0	0	1
32	Inticing seamen to desert	2	0	0	2
33	Administering poison with intent	0	1	0	1
34	Refusing to attend as witness	0	0	1	1
35	Smuggling	1	0	1	2
36	Refusing to pay steamer fare	0	0	1	1
	Total	392	22	195	609

RECAPITULATION.

Whites	392	22	195	609
Indians	175	0	52	227
Chinese	119	19	68	206
Total	686	41	215	1042

Report of Streets Committee.

HIS WORSHIP THE MAYOR AND CITY COUNCIL:—

GENTLEMEN:—Your Committee have the honor to submit the following statement, shewing the number of contracts in hand at the close of the year 1886 and which were completed in the year 1887, the contracts let and completed during 1887, the contracts in hand at the close of 1887, box drains laid, quantity of rock broken by hand, quantity of rock taken out by steam drill, quantity of rock broken by rock crusher, streets macadamized and rolled, sidewalks laid by contract and sidewalks relaid and repaired by the City Carpenter.

Your Committee thought it advisable to continue the laying of underground box drains instead of constructing open gutters in the streets.

Your Committee have to congratulate themselves on the pleasing fact that not one of their recommendations during their term of office has been rejected.

UNFINISHED WORK IN HAND AT CLOSE OF 1886, COMPLETED IN 1887.

Ward.	Street.	Length	Nature of Work.	Cost.	Contractor
Johnson St.	Rock Bay Ave. from John st. to Gorge road	1037 ft.	grading and gravelling	$1371 00	J. Baker
	Discoverystreet from Douglas to Blanchard	540 ft.	grading and gravelling	277 00	A. Beswick
	First street fm King's road to Hillside Ave.	782 ft.	grading and gravelling	636 00	Wm. Irvine
James Bay	At the corner of Collinson st and McClure street	225 yds.	blasting rock	641 16	J. Berryman
	Ontario st. fm Montreal st. to Dallas road	1150 ft.	clearing and grubbing	180 50	T. J. Wilson
	Kingston st. fm Oswego st. to Montreal	880 ft.	cambering and gravelling	455 00	J. Baker
	James Bay Bridge	.....	new bridge	7697 75	H M'Donald
	Broad st. on south side of Fort street	46 ft.	one stone crossing	115 00	J. McKenzie
	Government st. at junction with Yates street	88 ft.	two stone crossings	220 00	J. McKenzie
Yates St.	Government st. at junction with Fort street	176 ft.	four stone crossings	440 00	J. McKenzie
				12063 41	

WORK PERFORMED BY CONTRACT.

Ward.	Street.	Length	Nature of Work.	Cost.	Contractor
James Bay	Cor. of Menzies and Belleville	264 yds	blasting rock	$551 76	J. Paul
	Wharf street near Custom House	268 yds	blasting rock	576 20	J. Baker
	Niagara st from Oswego to Montreal	894 ft.	grading and gravelling	284 00	J. Haggerty
	Oswego st from Simcoe street to Dallas road	1030 ft.	grading and gravelling	334 00	F. Lakin
	James Bay Bridge	.....	painting	600 00	E. Harrison

CONTRACTS IN HAND BUT NOT COMPLETED.

Ward.	Street.	Nature of Work.	Contractor.
Yates Street	Government Street	one stone crossing	H. McDonald
James Bay	Montreal Street	cambered & gravelled	Wm. Irvine

NEW SIDEWALKS LAID BY CONTRACT DURING THE YEAR.

Johnson Street Ward.

670 Feet.....2 Feet
1406 " .....3 "
623 " .....4 "
270 " .....5 "
5282 " .....6 "
5180 " .....8 " Cost, $3165.08

Yates Street Ward.

277 Feet	3 Feet		
844 "	5 "		
80 "	8 "	Cost, $ 247.42	

James Bay Ward.

432 Feet	2 Feet		
759 "	3 "		
102 "	4 "		
6364 "	6 "		
3495 "	8 "	Cost, $2789.89	
		Total, $6202.39	

ESTIMATED LENGTHS OF SIDEWALKS RELAID AND REPAIRED BY CITY CARPENTER.

Johnson Street Ward.

1152 Feet	2 Feet	
370 "	3 "	
800 "	4 "	
100 "	6 "	
492 "	8 "	
2474 "	10 "	Approximate Cost, $1043.61

Yates Street Ward.

80 Feet	5 Feet	
1027 "	8 "	
4177 "	10 "	
458 "	12 "	Approximate Cost, $1624.93

James Bay Ward.

300 Feet	3 Feet	
1414 "	4 "	
110 "	5 "	
1080 "	6 "	
2035 "	8 "	
2776 "	10 "	
347 "	12 "	Approximate Cost, $1796.72
		Total, $4465.26

BOX DRAINS LAID DURING THE YEAR.

Johnson Street Ward.....9599 Feet
Yates Street Ward.....5550 "
James Bay Ward..... .....5632 " —20,781 Feet

ROCK TAKEN OUT BY STEAM DRILL.

Johnson Street Ward..... 410 Yards
James Bay Ward..... .....1116 " —1,526 Yards

ROCK BROKEN BY ROCK CRUSHER.

Johnson Street Ward..... 718 Yards
Yates Street Ward..... . 785 "
James Bay Ward.....2700 " —4,203 Yards

ROCK BROKEN BY HAND.

Johnson Street Ward..... 342 Yards
Yates Street Ward..... 20 "
James Bay Ward .....1408¾ " —1,770¾ Yards

The following Streets have been macadamized and put in good repair, viz:—

Constance Street.
Store Street from Discovery to Johnson.
Second Street from King's Road to Hillside Avenue.
Hillside Avenue from Saanich Road to First Street.
Oswego Street from Belleville to Quebec.
Quebec Street from Oswego to Montreal.
Montreal Street from Quebec to Kingston.
Kingston Street from Montreal to St. Lawrence.
St. Lawrence Street from Kingston to Erie.
Erie Street from St. Lawrence to Dallas Road.
Dallas Road from Erie Street to gate of Outer Wharf.
Simcoe Street from Menzies to Oswego.
Belleville Street from James Bay to Menzies Street.

Beechy Street, from Vancouver Street to Rupert Street.
Humboldt Street at junction with McClure Street.
Commercial Alley, Yates Street to Bastion Square.
Government Street, near James Bay Bridge.

Young Street. This is a new street that has been opened from Michigan Street to Toronto Street, and has been graded, macadamized and a six-foot sidewalk laid on the east side.

The Weighing Machine has been put in thoroughly good repair.

With respect to the application to the Minister of Marine for permission to build a Retaining Wall and to fill in the space occupied by Finlayson's Bridge:

The City Surveyor has been in correspondence with the Department, and the last advice received, dated 11th June, 1887, states that the matter was then under the considera- of the Government.

The Bridge being in such a decayed and unsafe condition, your Committee thought it advisable to have a flume constructed to carry the stream which flows through the ravine beyond the bridge and discharge the water into Rock Bay on the West side of Government Street, and proceed with the filling at the site of the bridge. About 3,000 yards of filling has been deposited, and your Committee would strongly recommend the incoming Council to proceed with the work, as the improvement will prove of great benefit to the public.

Fort Street has been macadamized throughout, from Wharf Street to the School Reserve, and is now one of the best streets in the City.

Churchway. All the rock between Douglas Street and Burdett Avenue has been blasted out, a good part of the

roadway macadamized and a temporary plank footpath laid from Douglas Street to the corner of Blanchard Street.

It is earnestly recommended that the whole of the work, viz.: Blanchard Street, from Burdett Avenue to Rae Street, be completed by the incoming Council.

The Roadway from James Bay Bridge to McClure Street has been also macadamized and put in thoroughly good order.

Your Committee have the honour to be,

Gentlemen,

Your obedient servants,

S. T. STYLES,
LOUIS VIGELIUS,
D. W. HIGGINS.

Report of Water Commissioner.

VICTORIA, B.C., 11 January, 1888.

To His Worship the Mayor and the Members of the City Council.

GENTLEMEN—

I have the honour to submit the following report of the Victoria Waterworks system, showing as nearly as possible the present state of the distribution pipes.

Present main, from the filter-beds to the fountain on Douglas Street, 12-inch cast-iron pipes, 27,066 feet.

Douglas Street, 12-inch, 3,200 ft., 11-inch, 520 ft., 10-inch, 600 ft., 9-inch, 630 ft., 7-inch, 900 ft.

Humboldt Street, 6-inch, 500 ft., 4-inch, 200 ft., 3-inch, 850 ft., 2-inch, 1,100 ft.

Yates Street, 5-inch, 1,400 ft., 3-inch, 1,870 ft., 2½-inch, 2,050 ft.

View Street, 5-inch, 3,750 ft., 2-inch, 400 ft.

Cook Street, 5-inch, 1,050 ft., 2-inch, 1,450 ft.

Constance Street, 5-inch, 600 ft.

Discovery Street, 5-inch, 1,450 ft.

Rae Street, 5-inch, 1,300 ft.

Quadra Street, 5-inch, 350 feet, 4-inch, 200 ft., 2-inch, 800 ft.

Birdcage Walk, 4-inch, 350 ft., 2-inch, 850 ft.

Chatham Street, 4-inch, 1,400 ft., 2-inch, 1,150 ft.

Cormorant Street, 4-inch, 2,400 ft.

Fort Street, 4-inch, 3,700 ft., 4-inch wood, 1,400 ft.

Gorge Road, 4-inch, 1,050 ft., 2-inch, 2,000 ft.

Government Street, 4-inch, 1,400 ft. 2½-inch, 300 ft., 2-inch, 1,050 ft.

James Bay Main, 4-inch, 1,200 ft.

John Street, 4-inch, 2,250 ft.
Johnson Street, 4-inch, 300 ft., 2½-inch, 1,200 ft., 2-inch, 3,350 ft.
King's Road, 4-inch, 1,400 ft., 2-inch, 500 ft.
McClure Street, 4-inch, 300 ft.
Menzies Street, 4-inch, 1,000 ft., 3-inch wood, 800 ft., 2-inch, 1,500 ft.
Michigan Street, 4-inch, 1,150 ft., 2-inch, 1,750 ft.
North Park Street, 4-inch, 1,400 ft.
Pemberton Road, 4-inch, 1,200 ft., 2-inch, 650 ft.
Pioneer Street, 4-inch, 700 feet.
Pleasant Street, 4-inch, 550 ft.
Queen's Avenue, 4-inch, 750 ft.
School Reserve, 4-inch, 400 ft.
Wharf Street, 4-inch, 1000 ft.
Superior Street, 4-inch, 1,300 ft., 2-inch, 1,050 ft., 1¼-inch, 1,450 ft.
Fisguard Street, 3-inch, 630 ft., 2½-inch, 750 ft., 2-inch, 1,250 ft.
Simcoe Street, 3-inch, 900 ft., 2-inch, 3,900 ft.
Oswego Street, 3-inch, 600 ft., 2-inch, 950 ft.
Cadboro' Bay Road, 3-inch wood, 2,700 ft.
Hillside Avenue, 2½-inch, 850 ft., 2-inch, 650 ft.
Pandora Avenue, 2½-inch, 2,600 ft., 2-inch, 1,100 ft.
Pembroke Street, 2½-inch, 700 ft., 2-inch, 700 ft,
Alfred Street, 2-inch, 750 ft.
Belcher Street, 2-inch, 700 ft.
Bellville Street, 2-inch, 900 ft.
Blanchard Avenue, 2-inch, 950 ft.
Broad Street, 2-inch, 600 ft.
Broughton Street, 2-inch, 1,050 ft.
Caledonia Street, 2-inch, 400 ft.
Collinson Street, 2-inch, 1,300 ft.
Courtney Street, 2-inch, 500 ft.
Dallas Road, 2-inch, 250 ft., 1-inch, 750 ft.
Franklin Street, 2-inch, 700 ft.
Frederick Street, 2-inch, 650 ft.
Green Street, 2-inch, 400 ft.

Herald Street, 2-inch, 1,250 ft.
Kane Street, 2-inch, 1,300 ft.
Langley Street, 2-inch, 900 ft.
Montreal Street, 2-inch, 1,850 ft.
Moss Street, 2-inch, 850 ft.
Park Road, 2-inch, 500 ft.
Park Street, 2-inch, 550 ft.
Public Park, 2-inch, 1,350 ft., 1-inch, 1,150 ft.
Prince's Avenue, 2-inch, 730 ft.
Quebec Street, 2-inch, 1,750 ft.
Richardson Street, 2-inch, 1,900 ft.
Store Street, 2-inch, 700 ft.
Vancouver Street, 2-inch, 1,650 ft.
Second Street, 2-inch, 500 ft., 1-inch, 550 ft.
Third Street, 2-inch, 600 ft , 1-inch, 400 ft.
First Street, 1-inch, 1,200 ft.
Fourth Street, 1-inch, 300 ft.
Henry Street, 1¼-inch, 2,250 ft.
Niagara Street, 1-inch, 600 ft.

IRON PIPES.

Making a total length of		12-inch	pipes laid of	30,263	ft.
"	"	11-inch	"	520	"
"	"	10-inch	"	600	"
"	"	9-inch	"	630	"
"	"	7-inch	"	900	"
"	"	6-inch	"	500	"
"	"	5-inch	"	9,900	"
"	"	4-inch	"	25,600	" iron.
"	"	3-inch	"	4,850	" iron.
"	"	2½-inch	"	8,450	"
"	"	2-inch	"	51,680	"
"	"	1¼-inch	"	4,700	"
"	"	1-inch	"	4,950	"

In addition to the above iron pipes, there are laid 1,400 feet of 4-inch wood pipes and of 3-inch wood pipes, 3,500 feet, together making a total length of wood pipes amounting to 4,900 feet. These pipes should be replaced by cast-iron pipes at the earliest opportunity.

There are at present on hand of

12-inch	cast-iron pipes	10,530	feet.
7-inch	"	3,680	"
6-inch	"	7,650	"
5-inch	"	8,640	"

Making a total length of pipes of various sizes of 30,500 feet.

These pipes were ordered in February 1887, and are now distributed in various portions of the city preparatory to laying them.

In addition to the above, there are 100 feet of 12-inch pipes held as a reserve to repair any breaks which may occur in the present 12-inch main. The estimated cost of laying the 30,500 feet of cast-iron pipes in the streets, together with all the necessary valves, castings, and everything requisite to ensure first-class work, is $11,625.

There are at the present time no less than 62 "dead-ends" in the street-mains; so that it is very evident that in order to secure circulation in the water pipes, so as to prevent stagnation of the water, that the new pipes should be laid on some systematic plan, which should be adopted by the in-coming Council.

With reference to the portions of the city which are situated at a greater elevation than Elk Lake, I have taken numerous levels in the city and suburbs, resulting in the knowledge of the fact that in no case is there a house but can be supplied by gravitation with a column of water over 20 feet in height inside of the house (provided that the house is inside the city limits). As a comparative illustration of the higher levels of the city, Government house is 157 feet above high water mark (this being the elevation of the front door step), whilst Elk Lake is 190 feet above high water mark, and consequently 33 feet higher than the ground at Government House.

There is such a diversity of opinion as to the best method of improving the water supply of the city that I would only

call attention to Elk Lake having a surface area of 589 acres, and that more water runs to waste during the year than would supply the city with more than double the quantity that is now consumed.

An estimated expenditure of $7,000 will be necessary to place the dam and filter-beds in good order and condition, in accordance with modern practice, whereby their efficiency may be doubled.

When the present water-works were constructed some thirteen years ago, the population was about 5,000, and when they were only consuming the water at the rate of 375,000 gallons per diem; then the water would stand in the pipes at an elevation of 180 feet above high water mark. The steady increase of consumption has decreased the height of water in the pipes as follows:—

Daily rate of Consumption.	Height of Water in the Pipes.
500,000 imperial gals	.....170 ft. above high water mark.
750,000 "	.....145 ft. " "
1,000,000 "	.....112 ft. " "

Should a new main of either 16, 20, or 24 inches diameter be laid from the Elk Lake Reservoir to the city its effect on the water-works would be, that with the different rates of consumption, the water would stand in the pipes at their relative heights, and supply all buildings below them.

Daily Consumption.	12 & 16 in.	12 & 20 in.	12 & 24 in.	
1,000,000 imp. gals.....	182 ft.	185 ft.	188 ft.	above H.W. mark.
1,500,000 "	170 ft.	182 ft.	186 ft.	"
2,000,000 "	156 ft.	175 ft.	182 ft.	"
2,500,000 "	136 ft.	162 ft.	178 ft.	"
3,000,000 "	112 ft.	155 ft.	174 ft.	"

So that it is evident that any reservoir that is constructed at a lower elevation than 180 feet above high water mark is not only a waste of money, but inflicts a permanent injury upon the entire water-works system. The cost of a 16-inch cast-iron main from the filter-beds to the northern city limits would be $90,000; of a 20-inch

one it would be $120,000; and of a 24-inch one the entire cost would be $150,000.

Steel mains of similar dimensions can be constructed for 60 per cent of the cost of cast-iron ones. They were laid in San Francisco before our present 12-inch cast-iron main was laid, and are as good to-day as it is.

For fire purposes there are 59 hydrants in position in different parts of the city. Their relative value may be estimated from the following table of their location, and the sizes of the pipes upon which they are situated.

Nine are located on the line of the principal main on Douglas Street.

Eleven are on 5-inch pipes, and within 2,000 feet of the principal main.

Three are on 5-inch pipes, and between 2,000 and 3,000 feet from the main.

Thirty-one are on 4-inch pipes, and are fairly efficient.

Five are on small pipes, and of no practical value till the pipes are replaced by some of larger diameter.

The value of these hydrants depends upon the vertical head of water in feet which is available for pressure and delivery; an increase of head means greater efficiency, a decrease signifies rendering the hydrants of no use whatever, and they might as well be removed if the pressure is lessened.

I have the honor to be, Gentlemen,

Very respectfully,

PETER SUMMERFIELD,

Water Commissioner.

Report of Alex. Hendry.

To His Worship the Mayor and Municipal Council:

Gentlemen—In compliance with your request I have to report that during the year a Steam Pump, having a pumping capacity of 10,000 gallons per hour, has been connected to the distributing mains in the City for the purpose of supplying the high levels and I believe that all buildings in that part of the City are now able to get a fair supply of water, although the cost of running the pump as compared with the revenue derived from the same is not so satisfactory. During the summer months the cost of running the pump was $250 per month. The revenue derived from the same being only $35. The cost of pump and connecting same have amounted to $700. There have been 109 new services connected to the mains during the year. There have been no new extensions to street mains during the year, there being no pipes on hand until too late in the year.

I remain Gentlemen,

Your obedient servant,

ALEX. HENDRY.

Health Officer's Report.

VICTORIA, B. C., Dec. 20th, 1887.

TO HIS WORSHIP THE MAYOR AND CITY COUNCIL :

GENTLEMEN—I herewith beg to submit my annual report on the Sanitary Condition of the City for the year, with the number of deaths, and the causes of each which have occurred during the past year.

In my last report I drew attention to the fact that the death rate had notably decreased. This year again the number of deaths are less than that of last year.

I give below the number of deaths for the year, as furnished by me monthly, to the Dominion Statistical Officer at Ottawa.

December, 1886		No.	of	deaths	16
January, 1887,		"	"	"	28
February	"	"	"	"	18
March	"	"	"	"	18
April	"	"	"	"	17
May	"	"	"	"	17
June	"	"	"	"	16
July	"	"	"	"	13
August	"	"	"	"	15
September	"	"	"	"	16
October	"	"	"	"	20
November	"	"	"	"	16
Total					210

Making a total of 210 deaths during the past 12

months just ended, with a death rate of 17½ per each 1000 of population.

Death was caused from the following diseases.

Disease of the Nervous System	20
" " Lungs	58
" " Heart	36
" " Kidneys	12
" " Digestive System	20
" " Liver	16
" " Blood	5
Premature development	11
Killed by accident	11
Cancer	2
Fevers	9
Abscess	2
Zymotic diseases	6
Alcoholism	2
Total	210

The general health of the citizens has been good during the year, although during the last two months Measles has been prevalent, which has increased the death rate somewhat, the deaths from this disease occurring chiefly among the Indians.

I have also to note that the number of cases of insanity reported are much less than last year.

In conclusion I would suggest that the City authorities should obtain power, to authorize the Health Officer and Sanitary Officer to make periodic inspection of all dairies, and that the dairymen and vendors of milk should be registered, giving their place of residence, number of cows kept, etc., and also that they should report to the proper authorities all cases of contagious animal diseases occuring amongst their cattle.

I would also suggest that a system of trapping the inlet to street drains be adopted, with proper ventilation of drains running into, and along the streets. These drains should not be ventilated on the *streets*, but at the adjacent buildings, and also the outlets of the vents should be up to the roof clear of the cornices, chimneys and windows.

I have the honor to remain

Your obedient servant,

G. L. MILNE, M.D.C.M.,

Health Officer.

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